Carbon Monoxide Alarm

MAINS POWERED 230V~
With CO Memory Feature

Model Ei220EN

- Proven sensor - based on electrochemical technology
- Mains Powered - pre-wired lead and plug
- Memory feature records if CO has been detected
- Easy to use Test/Hush button
- Automatic self diagnostics
- Loud distinct alarm (85 dB(A) minimum at 3 metres)
- Power, alarm and fault indicator lights
- Tamper-proof
- Fast CO test mode
- Kitemarked to BS EN 50291:2001
- 2 Year guarantee (limited)

Product Description

The Ei220EN is a Carbon Monoxide (CO) alarm powered by 230V AC mains power. It comes complete with a pre-wired mains lead and plug for simple installation.

The Ei220EN CO alarm uses a proven electrochemical cell type sensor which checks CO concentration every 50 seconds. All units are individually calibrated and tested in CO gas in order to ensure accuracy and they're covered by a lifetime (5 year) guarantee.

The CO alarm is housed in a slimline casing and can be easily secured to a wall or ceiling, with all necessary fixings supplied.

As well as being easy to install and maintain, the alarms have a vitally important memory feature which records if CO has been detected whilst the occupier was away.

An easy to use Test/Hush button allows the user to check that the horn and electronics are working and to silence nuisance alarms.

Operation

- The green indicator will illuminate to indicate that the unit is receiving mains power
- The horn will sound and the red indicator will flash at different speeds to indicate the presence of various levels of CO gas – slow flash indicating low levels and rapid flash to indicate high levels
- The horn will beep and the amber indicator flash every 40 seconds to indicate a fault
- The “Test/Hush” button will either silence false alarms (if briefly pressed) or perform a unit self test (if pressed and held). Note that the alarm cannot be silenced when sensing a CO level of 300ppm or above
- Memory Feature - when the test button is pressed the horn will sound and the red indicator will flash at a specific rate to indicate the level of CO previously detected.

Ei Electronics®

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.

Model Ei220EN

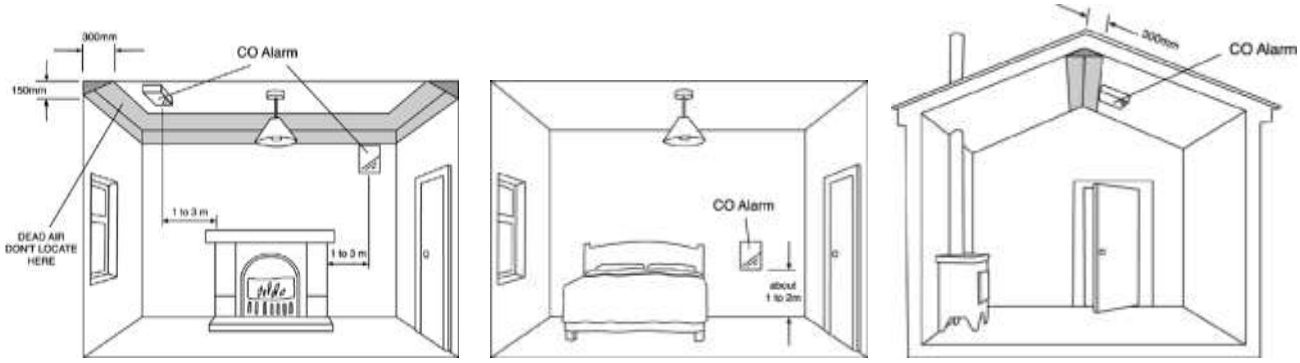
Technical Specification

Sensor	Electrochemical sensor
Sensitivity:	Meets BS EN 50291:2001
Button Test:	Checks the electronics and horn
Memory Feature	When the test button is pressed the horn will sound and the red light will flash at a specific rate to indicate the level of CO previously detected
Automatic Self-Test:	Horn beep and amber fault light flashes every 40 seconds if a fault is found
Supply Voltage:	230V AC, 50Hz. Pre-wired 2.5m mains lead and plug
Dimensions:	135 x 105 x 71 mm
Weight:	304g

Power-On Indicator:	Continuous green LED
Alarm:	Electronic Piezoelectric horn
Alarm Sound Output:	85dB(A) (minimum) at 3m
Alarm Status:	Red LED flashes and horn sounds
Normal Operating Temperature Range:	-5° to 40°C
Humidity Range:	15% to 95% Relative Humidity
Fixing:	Screw fixings (supplied)
Plastic material:	UL94VO flame retardant
Guarantee:	2 year (limited)
Approvals:	Kitemarked to BS EN 50291:2001 and CE certified

Specifications are subject to change

Installation & Placement



To mount onto a wall or ceiling, simple remove the battery compartment and mark the position of the two mounting holes. Drill two holes using a 6mm drill for the plastic plugs (supplied) and screw the unit home with the screws supplied

If locating the CO alarm in a room with an appliance
- the alarm should be located between 1m and 3m horizontally from the appliance and between 1.85m and 3m from the appliance
- the alarm should be located preferably on the ceiling, at least 300mm from any wall
- if placed on a wall, the CO alarm should be as ahigh as possible but not within 150mm of the ceiling

If locating the CO alarm in a room remote from the appliance
- the alarm should be located at a level similar to the breathing zone of the occupant (typically 1.5m to 2m above floor level and in bedrooms at the height of the bed)

More specific details are found in the Use & Care Instruction Booklet.

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